



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROGRAM DEVELOPMENT & ADMINISTRATION DIVISION
SUITE 600, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-1402
(615) 741-3301

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

TO: Will Reid, Assistant Chief Engineer of Operations

FROM: *RP* Ronnie Porter, Director, Program Development and Administration Division

SUBJECT: **Proprietary Item Request and Justification for the City of Goodlettsville for McCain ATC eX2 NEMA Controllers and Transparency TMS Central Software.**

I, Ronnie Porter, Director of the Program Development and Administration Division, request approval for the City of Goodlettsville to be certified to utilize the following proprietary item(s) over the next three years, where Federal funding is used:

McCain ATC eX2 NEMA Controllers

Transparency TMS Central Software

Justification

The City has experience with the McCain controllers and is satisfied with their performance. The City's technicians and the technicians for the City's on-call contractor have completed training, have on-the-job experience, and are familiar with the operation of McCain ATC eX2 NEMA controllers and its components. These technicians perform routine maintenance and troubleshooting. Please see the attached Proprietary Item request letter for more information.

If you have any questions or comments, please contact **Taylor Lee** at (615)532-3166 with the Local Programs Development Office or at Taylor.M.Lee@tn.gov.

I, Ronnie Porter, Program Development and Administration Division Director, of the Tennessee Department of Transportation, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a) (2) that the patented or proprietary item(s) as listed above is essential for the synchronization with existing facilities or no equally suitable alternative exists for this patented or proprietary item as listed above.

Ronnie Porter, Director, Traffic Operations
Recommendation for Approval

[Signature]
Assistant Chief Engineer of Operations

8/16/18
Date



July 19, 2018

Mr. Steve Bryan, P.E.
TDO's Traffic Operations Division
James K. Polk Building, Suite 1800
505 Deaderick Street
Nashville, TN 37243

RE: TDO's Project Number 19LPLM-F3-137, PIN 120327.01

Dear Mr. Bryan

The City of Goodlettsville would like to request the use of McCain ATC eX2 NEMA controllers and Transparity TMS central software in conjunction with the above referenced project (City of Goodlettsville Traffic Flow Improvements and Traffic Signal Upgrades – Phase II) and at all traffic signals that are maintained and operated by the City over the next three (3) years. This request encompasses all projects that will be completed using either federal or state funding. There are currently eighteen (18) signals operated by the City of Goodlettsville, and three (3) of those signals currently have McCain ATC eX2 NEMA controllers. McCain's ATC eX2 NEMA controllers and Transparity C2C central software system were selected by the City during a qualifications-based selection process as outlined in the systems engineering analysis (SEA) for this project.

The City of Goodlettsville, issued a request for proposals (RFP), in April 2018, asking qualified vendors to submit proposals to provide services and equipment to operate as the City's signal software and local controller hardware standard for the above referenced project and in future traffic signal installations and upgrades. The RFP contained several qualifications and system requirements that each vendor was required to explain in detail how they would meet those requirements in order to be considered. The qualifications and requirements included, but were not limited to, ATC controllers that are compatible with NEMA TS-1, TS-2, and ATC/ITS cabinet standards; the deployment of at least fifty (50) ATC controllers, a central system that supports multiple central operation facilities; and availability of staff for technical support. The deadline for proposals was May 16, 2018, and four (4) vendors submitted proposals to the City. Two (2) vendors were invited to make in-person demonstrations to City staff displaying their controllers and software in addition to allowing the City to bench test their equipment independently. Once the demonstrations were completed, the City of Goodlettsville determined that McCain would best serve the City's need for an advanced traffic management system.

When procuring Intelligent Transportation System (ITS) services and components, a traditional low-bid process may not ensure that the signal system is sufficiently integrated or customized for an agency's needs or requirements. Therefore, a competitive RFP process, as outlined above, is recommended by the Federal Highway Administration (FHWA) for assessing and procuring complex ITS equipment and software.

Additionally, the City has experience with the McCain controllers and is satisfied with their performance. The City's technicians and the technicians for the City's on-call contractor have completed training, have on-the-job experience, and are familiar with the operation of McCain ATC eX2 NEMA controllers and its components. These technicians perform routine maintenance and troubleshooting.

105 South Main Street • Goodlettsville, TN 37072 • Phone (615) 851-2204 • Fax (615) 851-2212

E-mail: jmccormick@goodlettsville.gov www.goodlettsville.gov

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Thanks for your consideration concerning this request as the City of Goodlettsville upgrades and enhances their existing advance traffic control system. If you have any questions, please contact me by phone at (615) 851-2204 or email at jmccormick@goodlettsville.gov

Sincerely,



Jeff McCormick
Director of Public Works

105 South Main Street • Goodlettsville, TN 37072 • Phone (615) 851-2204 • Fax (615) 851-2212

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